

997604

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(When Filled In)

**TECHNICAL BACKGROUND PROCUREMENT INFORMATION**

**I. Contractor**

A. Name and address:

25X1

25X1

B. Evaluation of previous performance: Company integrity - above  
average. Overall evaluation - Average.

**II. Brief description of this procurement:**

Processor Development  
Program - FY 65 Continuation (6 months)

Estimated total amt

25X1

A. Deliverable items: Study effort resulting in monthly  
letter reports, technical reports at significant steps,  
and a final report at the end of the contract period.  
Covering all aspects of investigation, conclusions and  
recommendations.

B. Is this procurement for other than a standard, "off the shelf" or slightly modified commercial item? Yes. If "yes", is it anticipated that any more of this unit will be procured? No If so, a complete set of directly reproducible manufacturing drawings and specifications would normally be included in this procurement. Comments: \_\_\_\_\_

C. Will contract cover a period of more than 90 days? Yes.  
If "yes", are progress reports desired? Yes If so, indicate frequency, content and number of copies desired: \_\_\_\_\_

Monthly reports containing technical progress and  
expenditures; Technical reports when applicable;  
Final report.

D. Is any Government-owned property to be provided to the contractor?

Yes If so, list and indicate its availability (where, when, etc.) HTA-5 Film Processor - currently at contractor facility  
(FY64)

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② Construction of clean-room facility at Contractor's plant (FY64)

E. Is any special tooling involved? Unknown.

F. Security:

1. Association with the Sponsor is Conf.
2. The specifications and/or drawings are UNCLAS.
3. The item is UNCLAS.
4. Contractor personnel known to be aware of this proposed procurement:

Local Tech Rep.  D.C. 25X1

Company personnel currently associated with the program

5. Other security information \_\_\_\_\_

III. Reasons for selection of this source. If other sources were considered, indicate results. If no other sources were considered, list the reasons why this firm is considered to be uniquely qualified to perform this work.

25X1 This is a six month effort for continuation of an existing program with  It is considered unrealistic to solicit other companies at the half-way point in the program. Upon completion of the FY65 phase a comprehensive evaluation is planned to direct follow-on efforts.

IV. If contract will cover deliverable item(s) state room location where equipment will be installed N/A. (It is extremely important that the Engineering Data Sheet including room location and any other pertinent facts be submitted to NPIC Engineering Section as far as possible in advance of delivery.)

25X1

V. Technical contact

In the event additional space is required, use the reverse side(s) of this form, with a reference to the item number to which the comment applies.

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R & D CATALOG FORM		DATE 7 January 1965
1. PROJECT TITLE/CODE NAME Film Processor Development Program		2. SHORT PROJECT DESCRIPTION A continuation of our processor development program with the objective of achieving conceptual and engineering advances in the art and technology of film processing.
3. CONTRACTOR NAME  		4. LOCATION OF CONTRACTOR processing.
5. CLASS OF CONTRACTOR Manufacturer		6. TYPE OF CONTRACT CPFF
7. FUNDS FY 1964 FY 1965 FY 19      \$		8. REQUISITION NO.  10. EFFECTIVE CONTRACT DATE (Begin - end) June 1965 - June 1966
		9. BUDGET PROJECT NO. NP-S-20 11. SECURITY CLASS. A. A. - Conf. T. - Uncl. W. - Conf.
12. RESPONSIBLE DIRECTORATE/OFFICE/PROJECT OFFICER TELEPHONE EXTENSION DDI/NPIC/P&DS, 		
13. REQUIREMENT/AUTHORITY Required to provide scientific answers to the many unknowns related to the design and engineering of continuous-web, photographic film processors.		
14. TYPE OF WORK TO BE DONE Applied research		
15. CATEGORIES OF EFFORT		
MAJOR CATEGORY Special Techniques and Studies		SUB-CATEGORIES Reproduction
16. END ITEM OR SERVICES FROM THIS CONTRACT/IMPROVEMENT OVER CURRENT SYSTEM, EQUIPMENT, ETC. Program requires monthly progress reports; periodic reports on results of component investigation; and any or all components or modules fabricated as a part of the work performed.		
17. SUPPORTING OR RELATED CONTRACTS (Agency & Other)/COORDINATION Program has been coordinated with DOD, Air Force, SPPL, Army GIMRADA and NRTSC.		
18. DESCRIPTION OF INTELLIGENCE REQUIREMENT AND DETAILED TECHNICAL DESCRIPTION OF PROJECT (Continue on additional page if required) The program is aimed at providing scientific answers to the many unknowns related to the design and engineering of continuous-web, photographic film processors. The program entails an investigative processor program which will make use of an existing HTA/5 processor on a GFE basis as a test-bed for specified investigation in a GFE, <del>portable</del> cleanroom environment adequately equipped and staffed. Major emphasis will be applied to the conceptually new liquid-air bearing principle of film transport that eliminates all physical contact with either the (Cont'd)		
19. APPROVED BY AND DATE		
OFFICE	DEPUTY DIRECTOR	DDCI

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18.

emulsion-surface or the base of the film during the processing cycle. The investigations proposed under this program are specifically oriented toward the problem of processing duplicate films.

The program will have a slight reorientation during the next year to provide closer support of an even newer air bearing concept by which the film travels in a perfectly straight line as opposed to a serpentine path used in almost all previous processors.

The program, as instituted in June of 1964, revolved somewhat around a cleanroom installation. Because of the normal time necessary to acquire and install the cleanroom, considerable inertia had to be overcome. As a result, full benefit of the program could not be realized within one-year's time.

One aspect of the program includes an evaluation of the cleanroom in all aspects related to film processing. This cannot be completed within the current FY because of time lost in the installation.

During the next year the cleanroom investigation will be expanded to include handling and viewing aspects in other phases of exploitation as well as processing.

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